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but rotated, and the sand removed after each settling. If this is followed out faithfully there will be very little trouble encountered when the time comes to apply the acid.

I am offering to send cleaned material from Tampa Bay to any who send me their address, and will allow them to place their own value upon it. I make this offer in order to assist me in procuring material from the Atlantic coast, which I am now about to work up. I shall send the result of this work to diatomists all over the country, through Messrs. Queen & Co., of Philadelphia, free to all who apply for it.

Respectfully yours,

GEO. H. TAYLOR.

A supposed new Genus of Anacardiaceæ from Bolivia.

By N. L. BRITTON.

SYCOCARPUS. Calyx four-toothed; corolla coriaceous, gamopetalous in the bud; stamens eight; anthers oblong, sessile near the summit of a campanulate disc; pistil one; ovary four-celled, pubescent; style short, also pubescent; stigma peltate, its flat top marked by four indistinct grooves; fruit shaped like a young fig, dry and crustaceous, indehiscent, imperfectly four celled, containing one or two erect seeds, laterally attached to an axillary placenta. Mature flowers not seen.

S. RUSBYI. Leaves imparripinnate, 5 to 7 dm. long by 3 to 4 dm. wide, broadly oblong in outline; leaflets opposite, of from five to ten pairs, short petioled, oblong, somewhat obtuse at each end, entire, 15 to 20 cm. long by 5 to 6 cm. wide, smooth on both sides when mature; racemes appearing in the axils of the leaves, once compound, loosely flowered, 25 to 30 cm. long by 5 to 10 cm. wide at the base; flowers nearly sessile; fruit brown, 12 to 18 mm. long when mature, pubescent when young, but soon becoming glabrous.

A tree of some 12 metres in height, broadly branching from near the base, reaching an extreme trunk diameter of nearly one metre, the ultimate branches erect; wood rather soft, covered with a thick ash-colored bark, which becomes rough only in age; leaves erect-clustered at the ends of the branches.

Collected in Bolivia by Dr. H. H. Rusby, May, 1886.